

**Flood Control Project Maintenance
Levee Inspections**

2010 Channel Summary Report

Overall Unit and Item Ratings

Merced Streams Group

Bear Creek

Overall Unit Rating	Rated Item	Item Rating
M *	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M *
	Revetments	A
	Encroachments	A

* Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

Black Rascal Creek

Overall Unit Rating	Rated Item	Item Rating
M *	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M *

* Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

Burns Creek

Overall Unit Rating	Rated Item	Item Rating
U	Vegetation & Obstructions	N
	Shoaling / Sedimentation	N
	Erosion / Bank Caving	N
	Revetments	N
	Encroachments	U

Mariposa Creek & Duck Slough

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A

Miles Creek

Overall Unit Rating	Rated Item	Item Rating
N	Channel Not Rated	

Owens Creek

Overall Unit Rating	Rated Item	Item Rating
N	Channel Not Rated	

Flood Control Project Maintenance
Unit Cover Sheet
2010 Channel Inspection Results

Merced Streams Group

Channel
Bear Creek

Channel Rating	M *
Date of Inspection	8/24/2010 - 8/26/2010
DWR Inspector	Herman Phillips
Accompanied By	

* Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Bonner Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.336900 ° -120.311100 °	Y	1
2		Up	Shoaling / Sedimentation		A		37.336900 ° -120.311100 °		2
3		Up	Erosion / Bank Caving		A		37.336900 ° -120.311100 °		3
4		Up	Revetments		N		37.336900 ° -120.311100 °		4
5		Up	Encroachments		A		37.336900 ° -120.311100 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.336900 ° -120.311100 °	Y	6
7		Down	Shoaling / Sedimentation		A		37.336900 ° -120.311100 °		7
8		Down	Erosion / Bank Caving		A		37.336900 ° -120.311100 °		8
9		Down	Revetments		N		37.336900 ° -120.311100 °		9
10		Down	Encroachments		A		37.336900 ° -120.311100 °		10
11	Burns Creek Confluence	Up	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.332800 ° -120.320400 °	Y	11
12		Up	Shoaling / Sedimentation		A		37.332800 ° -120.320400 °		12
13		Up	Erosion / Bank Caving		M	Inspector Comments: Channel bank erosion evident. Designed cross section is unknown.	37.332800 ° -120.320400 °		13
14		Up	Revetments		N		37.332800 ° -120.320400 °		14
15		Up	Encroachments		A		37.332800 ° -120.320400 °	Y	15
16		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.332800 ° -120.320400 °		16

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
17		Down	Shoaling / Sedimentation		A		37.332800 ° -120.320400 °		17
18		Down	Erosion / Bank Caving		A		37.332800 ° -120.320400 °		18
19		Down	Revetments		N		37.332800 ° -120.320400 °		19
20		Down	Encroachments		A		37.332800 ° -120.320400 °		20
21	Arboleda Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.311970 ° -120.415350 °	Y	21
22		Up	Shoaling / Sedimentation		M	Inspector Comments: Shoaling is present however channel flow is not impeded.	37.311970 ° -120.415350 °		22
23		Up	Erosion / Bank Caving		A		37.311970 ° -120.415350 °		23
24		Up	Revetments		N		37.311970 ° -120.415350 °		24
25		Up	Encroachments		A		37.311970 ° -120.415350 °		25
26		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.311970 ° -120.415350 °	Y	26
27		Down	Shoaling / Sedimentation		A		37.311970 ° -120.415350 °		27
28		Down	Erosion / Bank Caving		A		37.311970 ° -120.415350 °		28
29		Down	Revetments		N		37.311970 ° -120.415350 °		29
30		Down	Encroachments		A		37.311970 ° -120.415350 °		30
31	Kibby Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.312200 ° -120.415000 °	Y	31
32		Up	Shoaling / Sedimentation		A		37.312200 ° -120.415000 °		32

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Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
33		Up	Erosion / Bank Caving		M	Inspector Comments: Channel bank erosion evident. Deviation from designed cross section is unknown.	37.312200 ° -120.415000 °		33
34		Up	Revetments		M	Inspector Comments: Revetment displacemnt and scouring is evident near embankment.	37.312200 ° -120.415000 °		34
35		Up	Encroachments		A		37.312200 ° -120.415000 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.312200 ° -120.415000 °	Y	36
37		Down	Shoaling / Sedimentation		A		37.312200 ° -120.415000 °		37
38		Down	Erosion / Bank Caving		U	Inspector Comments: Bank erosion is evident and in need of preventative action.	37.312200 ° -120.415000 °	Y	38
39		Down	Revetments		N		37.312200 ° -120.415000 °		39
40		Down	Encroachments		A		37.312200 ° -120.415000 °		40
41	McKee Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.309600 ° -120.444500 °	Y	41
42		Up	Shoaling / Sedimentation		A		37.309600 ° -120.444500 °		42
43		Up	Erosion / Bank Caving		A		37.309600 ° -120.444500 °		43
44		Up	Revetments		N		37.309600 ° -120.444500 °		44
45		Up	Encroachments		A		37.309600 ° -120.444500 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.309600 ° -120.444500 °	Y	46
47		Down	Shoaling / Sedimentation		A		37.309600 ° -120.444500 °		47

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Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
48		Down	Erosion / Bank Caving		A		37.309600 ° -120.444500 °		48
49		Down	Revetments		N		37.309600 ° -120.444500 °		49
50		Down	Encroachments		A		37.309600 ° -120.444500 °		50
51	R St	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.313400 ° -120.487500 °	Y	51
52		Up	Shoaling / Sedimentation		A		37.313400 ° -120.487500 °		52
53		Up	Erosion / Bank Caving		A		37.313400 ° -120.487500 °		53
54		Up	Revetments		A		37.313400 ° -120.487500 °		54
55		Up	Encroachments		A		37.313400 ° -120.487500 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.313400 ° -120.487500 °	Y	56
57		Down	Shoaling / Sedimentation		A		37.313400 ° -120.487500 °		57
58		Down	Erosion / Bank Caving		A		37.313400 ° -120.487500 °		58
59		Down	Revetments		A		37.313400 ° -120.487500 °		59
60		Down	Encroachments		A		37.313400 ° -120.487500 °		60
61	Franklin Rd	Up	Vegetation & Obstructions		C	Inspector Comments: Minimally obstructive vegetation has been removed.	37.311400 ° -120.541000 °		61
62		Up	Shoaling / Sedimentation		A		37.311400 ° -120.541000 °		62
63		Up	Erosion / Bank Caving		A		37.311400 ° -120.541000 °		63
64		Up	Revetments		A		37.311400 ° -120.541000 °		64

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Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
65		Up	Encroachments		A		37.311400 ° -120.541000 °		65
66		Down	Vegetation & Obstructions		C	Inspector Comments: Obstructive vegetative growth has been removed.	37.311400 ° -120.541000 °		66
67		Down	Shoaling / Sedimentation		A		37.311400 ° -120.541000 °		67
68		Down	Erosion / Bank Caving		A		37.311400 ° -120.541000 °		68
69		Down	Revetments		A		37.311400 ° -120.541000 °		69
70		Down	Encroachments		A		37.311400 ° -120.541000 °		70
71	Hwy 140	Up	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.302500 ° -120.551500 °	Y	71
72		Up	Shoaling / Sedimentation		A		37.302500 ° -120.551500 °		72
73		Up	Erosion / Bank Caving		A		37.302500 ° -120.551500 °		73
74		Up	Revetments		N		37.302500 ° -120.551500 °		74
75		Up	Encroachments		A		37.302500 ° -120.551500 °		75
76		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.302500 ° -120.551500 °	Y	76
77		Down	Shoaling / Sedimentation		A		37.302500 ° -120.551500 °		77
78		Down	Erosion / Bank Caving		A		37.302500 ° -120.551500 °		78
79		Down	Revetments		N		37.302500 ° -120.551500 °		79
80		Down	Encroachments		A		37.302500 ° -120.551500 °		80

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Merced Streams Group

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Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
81	Buhach Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.291200 ° -120.577900 °	Y	81
82		Up	Shoaling / Sedimentation		A		37.291200 ° -120.577900 °		82
83		Up	Erosion / Bank Caving		A		37.291200 ° -120.577900 °		83
84		Up	Revetments		N		37.291200 ° -120.577900 °		84
85		Up	Encroachments		A		37.291200 ° -120.577900 °		85
86		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.291200 ° -120.577900 °	Y	86
87		Down	Shoaling / Sedimentation		A		37.291200 ° -120.577900 °		87
88		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion threatening stability of access road. Designed cross section unknown.	37.291200 ° -120.577900 °		88
89		Down	Revetments		N		37.291200 ° -120.577900 °		89
90		Down	Encroachments		A		37.291200 ° -120.577900 °		90
91	Dickerson Ferry Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.273000 ° -120.599700 °	Y	91
92		Up	Shoaling / Sedimentation		A		37.273000 ° -120.599700 °		92
93		Up	Erosion / Bank Caving		A		37.273000 ° -120.599700 °		93
94		Up	Revetments		N		37.273000 ° -120.599700 °		94
95		Up	Encroachments		A		37.273000 ° -120.599700 °		95
96		Down	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.273000 ° -120.599700 °	Y	96

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Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
97		Down	Shoaling / Sedimentation		A		37.273000 ° -120.599700 °		97
98		Down	Erosion / Bank Caving		A		37.273000 ° -120.599700 °		98
99		Down	Revetments		N		37.273000 ° -120.599700 °		99
100		Down	Encroachments		A		37.273000 ° -120.599700 °		100
101	Bert Crane Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.263000 ° -120.633300 °	Y	101
102		Up	Shoaling / Sedimentation		A		37.263000 ° -120.633300 °		102
103		Up	Erosion / Bank Caving		A		37.263000 ° -120.633300 °		103
104		Up	Revetments		N		37.263000 ° -120.633300 °		104
105		Up	Encroachments		A		37.263000 ° -120.633300 °		105
106		Down	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.263000 ° -120.633300 °	Y	106
107		Down	Shoaling / Sedimentation		A		37.263000 ° -120.633300 °		107
108		Down	Erosion / Bank Caving		A		37.263000 ° -120.633300 °		108
109		Down	Revetments		N		37.263000 ° -120.633300 °		109
110		Down	Encroachments		A		37.263000 ° -120.633300 °		110

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek upstream of Bonner Rd.	
phillips_c_20100913_120.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek downstream of Bonner Rd.	
phillips_c_20100913_121.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek at Burns Creek confluence. Photo upstream of bridge.	
phillips_c_20100730_003.jpg	

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Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
Confluence of the Burns Creek.	
phillips_c_20100913_122.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek upstream of Arboleda Rd.	
phillips_c_20100914_124.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek downstream of Arboleda Rd.	
phillips_c_20100914_125.jpg	

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Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek upstream of Kibby Rd.

phillips_c_20100914_126.jpg



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek downstream of Kibby Rd.

phillips_c_20100914_127.jpg



Levee Mile Report Line	38
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

Left bank erosion more movement since last spring inspection. 37.31192-120.41510 to 37.31269-120.41674.

phillips_c_20100914_128.jpg



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Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek upstream of McKee Rd.	
phillips_c_20100914_129.jpg	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek downstream of McKee Rd.	
phillips_c_20100914_130.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing on the downstream side of R. Street looking upstream under bridge crossing.	
phillips_c_20100914_131.jpg	

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Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Upstream of Bear Creek looking downstream at R Street bridge.	
phillips_c_20100914_132.jpg	



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek upstream of Hwy 140.	
phillips_c_20100914_135.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek downstream of Hwy 140.	
phillips_c_20100914_136.jpg	

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Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek upstream of Buhach Rd.	
phillips_c_20100914_137.jpg	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek downstream of Buhach Rd.	
phillips_c_20100914_138.jpg	



Levee Mile Report Line	91
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek upstream of Dickerson Ferry Rd.	
phillips_c_20100914_139.jpg	

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WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/24/2010 08/26/2010	Herman Phillips

Levee Mile Report Line	96
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek downstream of Dickerson Rd.	
phillips_c_20100914_140.jpg	



Levee Mile Report Line	101
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Downstream limit of Bear Creek looking upstream.	
phillips_c_20100914_141.jpg	



Levee Mile Report Line	106
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Bear Creek Downstream of Bert Crane Rd.	
phillips_c_20100914_142.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2010 Channel Inspection Results****Merced Streams Group**

Channel
Black Rascal Creek

Channel Rating	M *
Date of Inspection	8/19/2010 - 8/23/2010
DWR Inspector	Herman Phillips
Accompanied By	

* Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Santa Fe Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.320720 ° -120.508760 °	Y	1
2		Up	Shoaling / Sedimentation		A		37.320720 ° -120.508760 °		2
3		Up	Erosion / Bank Caving		A		37.320720 ° -120.508760 °		3
4		Up	Revetments		N		37.320720 ° -120.508760 °		4
5		Up	Encroachments		A		37.320720 ° -120.508760 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.320720 ° -120.508760 °	Y	6
7		Down	Shoaling / Sedimentation		A		37.320720 ° -120.508760 °		7
8		Down	Erosion / Bank Caving		A		37.320720 ° -120.508760 °		8
9		Down	Revetments		N		37.320720 ° -120.508760 °		9
10		Down	Encroachments		A		37.320720 ° -120.508760 °		10
11	Crocker Dam	Up	Vegetation & Obstructions		A	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.312200 ° -120.533000 °	Y	11
12		Up	Shoaling / Sedimentation		A		37.312200 ° -120.533000 °		12
13		Up	Erosion / Bank Caving		A		37.312200 ° -120.533000 °		13
14		Up	Revetments		A		37.312200 ° -120.533000 °		14
15		Up	Encroachments		A		37.312200 ° -120.533000 °		15
16		Down	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.312200 ° -120.533000 °	Y	16

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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PO : Partially Obstructing
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N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
17		Down	Shoaling / Sedimentation		A	Inspector Comments: Shoaling is present however channel flow is not impeded.	37.312200 ° -120.533000 °		17
18		Down	Erosion / Bank Caving		A		37.312200 ° -120.533000 °		18
19		Down	Revetments		A		37.312200 ° -120.533000 °		19
20		Down	Encroachments		A		37.312200 ° -120.533000 °		20
21	Franklin Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.314050 ° -120.541078 °	Y	21
22		Up	Shoaling / Sedimentation		A		37.314050 ° -120.541078 °		22
23		Up	Erosion / Bank Caving		A		37.314050 ° -120.541078 °		23
24		Up	Revetments		A		37.314050 ° -120.541078 °		24
25		Up	Encroachments		A		37.314050 ° -120.541078 °		25
26		Down	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.314050 ° -120.541078 °	Y	26
27		Down	Shoaling / Sedimentation		A		37.314050 ° -120.541078 °		27
28		Down	Erosion / Bank Caving		A		37.314050 ° -120.541078 °		28
29		Down	Revetments		N		37.314050 ° -120.541078 °		29
30		Down	Encroachments		A		37.314050 ° -120.541078 °		30
31	Gurr Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but does not appear to impede flow.	37.313110 ° -120.559070 °	Y	31
32		Up	Shoaling / Sedimentation		A		37.313110 ° -120.559070 °		32

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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PO : Partially Obstructing
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N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
33		Up	Erosion / Bank Caving		A		37.313110 ° -120.559070 °		33
34		Up	Revetments		N		37.313110 ° -120.559070 °		34
35		Up	Encroachments		A		37.313110 ° -120.559070 °		35
36		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.313110 ° -120.559070 °	Y	36
37		Down	Shoaling / Sedimentation		A		37.313110 ° -120.559070 °		37
38		Down	Erosion / Bank Caving		A		37.313110 ° -120.559070 °		38
39		Down	Revetments		N		37.313110 ° -120.559070 °		39
40		Down	Encroachments		A		37.313110 ° -120.559070 °		40
41	Hwy 140	Up	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.302400 ° -120.575460 °	Y	41
42		Up	Shoaling / Sedimentation		A		37.302400 ° -120.575460 °		42
43		Up	Erosion / Bank Caving		A		37.302400 ° -120.575460 °		43
44		Up	Revetments		N		37.302400 ° -120.575460 °		44
45		Up	Encroachments		A		37.302400 ° -120.575460 °		45
46		Down	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.302400 ° -120.575460 °	Y	46
47		Down	Shoaling / Sedimentation		A		37.302400 ° -120.575460 °		47
48		Down	Erosion / Bank Caving		A		37.302400 ° -120.575460 °		48
49		Down	Revetments		N		37.302400 ° -120.575460 °		49

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
50		Down	Encroachments		A		37.302400 ° -120.575460 °		50
51	Quinley Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.293797 ° -120.596922 °	Y	51
52		Up	Shoaling / Sedimentation		A		37.293797 ° -120.596922 °		52
53		Up	Erosion / Bank Caving		A		37.293797 ° -120.596922 °		53
54		Up	Revetments		N		37.293797 ° -120.596922 °		54
55		Up	Encroachments		A		37.293797 ° -120.596922 °		55
56		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.293797 ° -120.596922 °	Y	56
57		Down	Shoaling / Sedimentation		A		37.293797 ° -120.596922 °		57
58		Down	Erosion / Bank Caving		A		37.293797 ° -120.596922 °		58
59		Down	Revetments		N		37.293797 ° -120.596922 °		59
60		Down	Encroachments		U	Inspector Comments: Material placed to form a low water crossing near bridge is obstructive and will need to be removed before the next flood season.	37.293797 ° -120.596922 °	Y	60
61	Oak Ave	Up	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.280330 ° -120.609400 °	Y	61
62		Up	Shoaling / Sedimentation		A		37.280330 ° -120.609400 °		62
63		Up	Erosion / Bank Caving		A		37.280330 ° -120.609400 °		63
64		Up	Revetments		N		37.280330 ° -120.609400 °		64
65		Up	Encroachments		A		37.280330 ° -120.609400 °		65

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel					Channel Length	Inspection Start/End	Inspector
Black Rascal Creek					6.00	08/19/2010 08/23/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
66		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.280330 ° -120.609400 °	Y	66
67		Down	Shoaling / Sedimentation		A		37.280330 ° -120.609400 °		67
68		Down	Erosion / Bank Caving		A		37.280330 ° -120.609400 °		68
69		Down	Revetments		N		37.280330 ° -120.609400 °		69
70		Down	Encroachments		A		37.280330 ° -120.609400 °		70
71	Bear Creek Confluence	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.268311 ° -120.624111 °	Y	71
72		Up	Shoaling / Sedimentation		A		37.268311 ° -120.624111 °		72
73		Up	Erosion / Bank Caving		A		37.268311 ° -120.624111 °		73
74		Up	Revetments		N		37.268311 ° -120.624111 °		74
75		Up	Encroachments		A		37.268311 ° -120.624111 °		75

*** Location**

LS : Land Side
WS : Water Side
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**** Rating**

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N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Black Rascal Creek upstream of Santa Fe Drive.

phillips_c_20100920_149.jpg



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Black Rascal Creeek downstream of Sant Fe Drive.

phillips_c_20100914_123.jpg



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Bear Creek and Black Rascal Creek at Confluence looking upstream.

phillips_c_20100913_119.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek downstream of Croker Dam.	
phillips_c_20100913_118.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek Upstream of Franklin Rd..	
phillips_c_20100920_150.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek downstream of Franklin Rd.	
phillips_c_20100920_151.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek upstream of Gurr Road.	
phillips_c_20100920_152.jpg	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek downstream of Gurr Road.	
phillips_c_20100920_153.jpg	



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek upstream of Hwy 140	
phillips_c_20100920_154.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek downstream of Hwy 140.	
phillips_c_20100920_155.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek upstream of Quinley.	
phillips_c_20100913_114.jpg	



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek downstream of Quinley.	
phillips_c_20100913_115.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

Levee Mile Report Line	60
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Encroachments
Black Rascal Creek downstream of Quinley Road Ave.	
phillips_c_20100913_117.jpg	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek upstream of Oak Ave.	
phillips_c_20100920_156.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Black Rascal Creek downstream of Oak Ave.	
phillips_c_20100920_157.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/19/2010 08/23/2010	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Standing downstream of the Confluence of Black Rascal and the Bear Creek.looking upstream.	
phillips_c_20100920_158.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2010 Channel Inspection Results****Merced Streams Group**

Channel
Burns Creek

Channel Rating	U
Date of Inspection	8/25/2010
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Low Water Crossing	Up	Vegetation & Obstructions		N	Inspector Comments: No obstructive vegetation present in 2009.	37.349986 ° -120.305342 °		1
2		Up	Shoaling / Sedimentation		N		37.349986 ° -120.305342 °		2
3		Up	Erosion / Bank Caving		N		37.349986 ° -120.305342 °		3
4		Up	Revetments		N		37.349986 ° -120.305342 °		4
5		Up	Encroachments		N	Inspector Comments: 8-24-2010 For this spring inspection of the Burns Creek, no inspection was done nor were there any photos taken of area.	37.349986 ° -120.305342 °		5
6		Down	Vegetation & Obstructions		N	Inspector Comments: 8-24-2010 No inspection done of channel. The area used to access the channel was locked by Owner. The property is in PROBATE.	37.349986 ° -120.305342 °		6
7		Down	Shoaling / Sedimentation		N		37.349986 ° -120.305342 °		7
8		Down	Erosion / Bank Caving		N		37.349986 ° -120.305342 °		8
9		Down	Revetments		N		37.349986 ° -120.305342 °		9
10		Down	Encroachments		U	Inspector Comments: 8-24-2010 No inspection done of channel. The area used to access the channel was locked by Owner. The property is in PROBATE.	37.349986 ° -120.305342 °		10
11	Bonner Rd	Up	Vegetation & Obstructions		N		37.343853 ° -120.310733 °		11
12		Up	Shoaling / Sedimentation		N		37.343853 ° -120.310733 °		12
13		Up	Erosion / Bank Caving		N		37.343853 ° -120.310733 °		13
14		Up	Revetments		N		37.343853 ° -120.310733 °		14

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
15		Up	Encroachments		U	Inspector Comments: No inspection done for this reach. Access has been locked by landowner and Court system, this property is in Probate.	37.343853 ° -120.310733 °		15
16		Down	Vegetation & Obstructions		N		37.343853 ° -120.310733 °		16
17		Down	Shoaling / Sedimentation		N		37.343853 ° -120.310733 °		17
18		Down	Erosion / Bank Caving		N		37.343853 ° -120.310733 °		18
19		Down	Revetments		N		37.343853 ° -120.310733 °		19
20		Down	Encroachments		N		37.343853 ° -120.310733 °		20

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

Flood Control Project Maintenance**Unit Cover Sheet****2010 Channel Inspection Results****Merced Streams Group**

Channel
Mariposa Creek & Duck Slough

Channel Rating	A
Date of Inspection	8/25/2010
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	White Rock Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetative obstructions present. Flow is not impeded.	37.261425 ° -120.198078 °	Y	1
2		Up	Shoaling / Sedimentation		A		37.261425 ° -120.198078 °		2
3		Up	Erosion / Bank Caving		A		37.261425 ° -120.198078 °		3
4		Up	Revetments		N		37.261425 ° -120.198078 °		4
5		Up	Encroachments		A		37.261425 ° -120.198078 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetative obstructions present. Flow is not impeded.	37.261425 ° -120.198078 °	Y	6
7		Down	Shoaling / Sedimentation		A		37.261425 ° -120.198078 °		7
8		Down	Erosion / Bank Caving		A		37.261425 ° -120.198078 °		8
9		Down	Revetments		N		37.261425 ° -120.198078 °		9
10		Down	Encroachments		A		37.261425 ° -120.198078 °		10
11	Fresno Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.238030 ° -120.243520 °	Y	11
12		Up	Shoaling / Sedimentation		A		37.238030 ° -120.243520 °		12
13		Up	Erosion / Bank Caving		A		37.238030 ° -120.243520 °		13
14		Up	Revetments		N		37.238030 ° -120.243520 °		14
15		Up	Encroachments		A		37.238030 ° -120.243520 °		15
16		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.238030 ° -120.243520 °	Y	16

*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
17		Down	Shoaling / Sedimentation		A		37.238030 ° -120.243520 °		17
18		Down	Erosion / Bank Caving		A		37.238030 ° -120.243520 °		18
19		Down	Revetments		N		37.238030 ° -120.243520 °		19
20		Down	Encroachments		A		37.238030 ° -120.243520 °		20
21	Cunningham Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but should not impact design channel capacity.	37.238920 ° -120.252550 °	Y	21
22		Up	Shoaling / Sedimentation		A		37.238920 ° -120.252550 °		22
23		Up	Erosion / Bank Caving		A		37.238920 ° -120.252550 °		23
24		Up	Revetments		N		37.238920 ° -120.252550 °		24
25		Up	Encroachments		A		37.238920 ° -120.252550 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.238920 ° -120.252550 °	Y	26
27		Down	Shoaling / Sedimentation		A		37.238920 ° -120.252550 °		27
28		Down	Erosion / Bank Caving		A		37.238920 ° -120.252550 °		28
29		Down	Revetments		N		37.238920 ° -120.252550 °		29
30		Down	Encroachments		A		37.238920 ° -120.252550 °		30
31	RR Bridge near Santa Fe Dr	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.239220 ° -120.259020 °	Y	31
32		Up	Shoaling / Sedimentation		A		37.239220 ° -120.259020 °		32

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
33		Up	Erosion / Bank Caving		A		37.239220 ° -120.259020 °		33
34		Up	Revetments		N		37.239220 ° -120.259020 °		34
35		Up	Encroachments		A		37.239220 ° -120.259020 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.239220 ° -120.259020 °	Y	36
37		Down	Shoaling / Sedimentation		A		37.239220 ° -120.259020 °		37
38		Down	Erosion / Bank Caving		A		37.239220 ° -120.259020 °		38
39		Down	Revetments		N		37.239220 ° -120.259020 °		39
40		Down	Encroachments		A		37.239220 ° -120.259020 °		40
41	Burchell Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.257610 ° -120.288730 °	Y	41
42		Up	Shoaling / Sedimentation		A		37.257610 ° -120.288730 °		42
43		Up	Erosion / Bank Caving		A		37.257610 ° -120.288730 °		43
44		Up	Revetments		N		37.257610 ° -120.288730 °		44
45		Up	Encroachments		A		37.257610 ° -120.288730 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.257610 ° -120.288730 °	Y	46
47		Down	Shoaling / Sedimentation		A		37.257610 ° -120.288730 °		47
48		Down	Erosion / Bank Caving		M		37.257610 ° -120.288730 °	Y	48
49		Down	Revetments		N		37.257610 ° -120.288730 °		49

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
50		Down	Encroachments		A		37.257610 ° -120.288730 °		50
51	Plainsburg Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.258340 ° -120.324970 °	Y	51
52		Up	Shoaling / Sedimentation		A		37.258340 ° -120.324970 °		52
53		Up	Erosion / Bank Caving		M	Inspector Comments: Channel bank erosion evident near bridge abutment. Designed cross section is unknown.	37.258340 ° -120.324970 °		53
54		Up	Revetments		N		37.258340 ° -120.324970 °		54
55		Up	Encroachments		A		37.258340 ° -120.324970 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Channel is cleared of vegetation.	37.258340 ° -120.324970 °	Y	56
57		Down	Shoaling / Sedimentation		A		37.258340 ° -120.324970 °		57
58		Down	Erosion / Bank Caving		A		37.258340 ° -120.324970 °		58
59		Down	Revetments		N		37.258340 ° -120.324970 °		59
60		Down	Encroachments		A		37.258340 ° -120.324970 °		60
61	Whealan Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but would not appear to impede flood flows.	37.261540 ° -120.343200 °	Y	61
62		Up	Shoaling / Sedimentation		A		37.261540 ° -120.343200 °		62
63		Up	Erosion / Bank Caving		A		37.261540 ° -120.343200 °		63
64		Up	Revetments		N		37.261540 ° -120.343200 °		64
65		Up	Encroachments		A		37.261540 ° -120.343200 °		65

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
66		Down	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but would not appear to prevent passage of flood flows.	37.261540 ° -120.343200 °	Y	66
67		Down	Shoaling / Sedimentation		A		37.261540 ° -120.343200 °		67
68		Down	Erosion / Bank Caving		A		37.261540 ° -120.343200 °		68
69		Down	Revetments		N		37.261540 ° -120.343200 °		69
70		Down	Encroachments		A		37.261540 ° -120.343200 °		70
71	Arboleda Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to prevent flood flows.	37.257036 ° -120.379219 °	Y	71
72		Up	Shoaling / Sedimentation		A		37.257036 ° -120.379219 °		72
73		Up	Erosion / Bank Caving		A		37.257036 ° -120.379219 °		73
74		Up	Revetments		N		37.257036 ° -120.379219 °		74
75		Up	Encroachments		A		37.257036 ° -120.379219 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: Minimally obstructive vegetation present but would not appear to prevent flood flows.	37.257036 ° -120.379219 °	Y	76
77		Down	Shoaling / Sedimentation		A		37.257036 ° -120.379219 °		77
78		Down	Erosion / Bank Caving		A		37.257036 ° -120.379219 °		78
79		Down	Revetments		N		37.257036 ° -120.379219 °		79
80		Down	Encroachments		A		37.257036 ° -120.379219 °		80
81	Healy Rd	Up	Vegetation & Obstructions		M	Inspector Comments: Minimally obstructive vegetation present but would not appear to prevent flood flows.	37.246180 ° -120.434130 °	Y	81

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
82		Up	Shoaling / Sedimentation		A		37.246180 ° -120.434130 °		82
83		Up	Erosion / Bank Caving		A		37.246180 ° -120.434130 °		83
84		Up	Revetments		N		37.246180 ° -120.434130 °		84
85		Up	Encroachments		A		37.246180 ° -120.434130 °		85
86		Down	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.246180 ° -120.434130 °	Y	86
87		Down	Shoaling / Sedimentation		A		37.246180 ° -120.434130 °		87
88		Down	Erosion / Bank Caving		A		37.246180 ° -120.434130 °		88
89		Down	Revetments		N		37.246180 ° -120.434130 °		89
90		Down	Encroachments		A		37.246180 ° -120.434130 °		90
91	Hwy 59	Up	Vegetation & Obstructions		M	Inspector Comments: Obstructive vegetative growth potentially impacts channel capacity.	37.233961 ° -120.487872 °	Y	91
92		Up	Shoaling / Sedimentation		A		37.233961 ° -120.487872 °		92
93		Up	Erosion / Bank Caving		A		37.233961 ° -120.487872 °		93
94		Up	Revetments		N		37.233961 ° -120.487872 °		94
95		Up	Encroachments		A		37.233961 ° -120.487872 °		95

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek upstream at White Rock. Channel is dry. 37.261425N -120.198078W	
phillips_c_20100903_093.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek downstream at White Rock Road.	
phillips_c_20100903_094.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek upstream of Fresno Road. 37.23803N -120.24352W.	
phillips_c_20100903_095.jpg	

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek downstream of Fresno Road	
phillips_c_20100903_096.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek Upstream of Cunningham Road.	
phillips_c_20100903_097.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Mariposa Creek downstream of Cunningham Road.	
phillips_c_20100903_098.jpg	

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Upstream of Slough at Santa Fe Road. 37.23922N -120.25902W.	
phillips_c_20100903_099.jpg	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Duck slough downstream of Santa Fe Road.	
phillips_c_20100903_100.jpg	



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Duck Slough upstream of Burshell Road.	
phillips_c_20100903_101.jpg	

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Downstream of Creek at Burchell Road Bridge.	
phillips_c_20100903_102.jpg	



Levee Mile Report Line	48
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Erosion on left bank of Duck Slough downstream of Burchell Rd.	
phillips_c_20100730_052.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Duck Slough upstream of Plainsburg Rd.	
phillips_c_20100903_103.jpg	

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Duck Slough downstream of Plainsburg Rd.

phillips_c_20100903_104.jpg



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Duck Slough upstream of Whealan Rd.

phillips_c_20100908_108.jpg



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Duck Slough downstream of Whealan Rd.

phillips_c_20100908_109.jpg



*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Duck Slough upstream of Arboledo Rd. 37.257036N -120.379219W	
phillips_c_20100908_106.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Duck Slough downstream of Arboleda Rd.	
phillips_c_20100908_107.jpg	



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Duck Slough upstream of Healy Rd.	
phillips_c_20100908_110.jpg	

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/25/2010 08/25/2010	Herman Phillips

Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Duck Slough downstream of Healy Rd.

phillips_c_20100908_111.jpg



Levee Mile Report Line	91
Start Levee Mile	
End Levee Mile	
Location	
Category	Channels
Item	Vegetation & Obstructions

Duck Slough upstgream of HJWY 59.

phillips_c_20100908_112.jpg



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Flood Control Project Maintenance**Unit Cover Sheet****2010 Channel Inspection Results****Merced Streams Group**

Channel
Miles Creek

Channel Rating	N
Date of Inspection	n/a
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	n/a	Herman Phillips

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Childs Ave	Up	Vegetation & Obstructions		N	Inspector Comments: Due to resourcing challenges, this channel did not have inspections completed this year.	37.287900 ° -120.309480 °		1

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Flood Control Project Maintenance**Unit Cover Sheet****2010 Channel Inspection Results****Merced Streams Group**

Channel
Owens Creek

Channel Rating	N
Date of Inspection	n/a
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2010

Merced Streams Group

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.00	n/a	Herman Phillips

LMR No.	Check Point	View	Item	* Location	** Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Cunningham Rd	Up	Vegetation & Obstructions		N	Inspector Comments: Due to resourcing challenges, this channel did not have inspections completed this year.	37.289408 ° -120.251939 °		1

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